Table L-1. Grassland Communities: Potential CALFED Effects and Conservation Measures

Summary Effect of Implementing CALFED Actions and Conservation Measures on Grassland Communities: Potential for an increase of up to 11,000 acres of perennial grassland in the Delta and Bay Regions and increase in and/or enhancement of habitat area associated with restoration and enhancement of seasonal wetlands. An overall reduction in annual grassland area is expected in some locations (primarily in the Sacramento River and San Joaquin River Regions) as a result of restoring channel, wetland, and riparian habitats and construction of conveyance, storage, and other facilities or structures necessary to achieve CALFED objectives.

Associated Evaluated Species: San Joaquin kit fox, giant kangaroo rat, Merced kangaroo rat, California condor, Alameda whipsnake, blunt-nosed leopard lizard, California red-legged frog, callippe silverspot, Nelson's antelope ground squirrel, greater sandhill crane, white-tailed kite, golden eagle, Swainson's hawk, mountain plover, California tiger salamander, greater western mastiff-bat, tricolored blackbird, short-eared owl, long-billed curlew, northern harrier, San Joaquin whipsnake, Calistoga popcornflower, Hartweg's golden sunburst, large-flowered fiddleneck, large-flowered fiddleneck critical habitat, Marin western flax, San Joaquin adobe sunburst, San Joaquin woollythreads, showy Indian clover, Sonoma spineflower, beaked clarkia, silky cryptantha, Tiburon Indian paintbrush, Tiburon jewelflower, Tiburon Mariposa lily, most beautiful jewelflower, Mount Diablo jewelflower, California vervain, Chinese camp brodiaea, Indian Valley brodiaea, rock sanicle, Santa Cruz tarplant, yellow larkspur, recurved larkspur, Hoover's eriastrum, big tarplant, Mount Diablo fairy-lantern, brittlescale, Congdon's tarplant, Brewer's western flax, drymaria-like western flax, pale-yellow layia, diamond-petaled California poppy, adobe-lily, Diablo helianthella, Hall's tarplant, Jepson's milk-vetch, Ferris' milkvetch, Clara Hunt's milk-vetch, heartscale, lesser saltscale, Lost Hills crownscale, San Joaquin spearscale, Merced phacelia, white-rayed pentachaeta, Panoche peppergrass, red-flowered lotus, showy madia, Ahart's paronychia, spiny-sepaled button-celery, and Henderson's bent grass.

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures			
Delta Region								
Associated Evaluated Species: California red-legged frog, San Joaquin kit fox, large-flowered fiddleneck, greater sandhill crane, white-tailed kite, Swainson's hawk, California tiger salamander, mountain plover, San Joaquin whipsnake, northern harrier, short-eared owl, long-billed curlew, big tarplant, brittlescale, diamond-petaled poppy, heartscale, Heckard's peppergrass, and Mount Diablo jewelflower.								
Summary Programmatic Action O	utcomes E1, E4, E9, E17, E20-E22	, E24, E25, E28, Q1, Q2, Q7, O1, a	nd O2 are likely to have no discern	able effect on grassland communitie	es in the Delta Region.			

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
Ecosystem Restoration Program	·				
E5a. Restoration of up to 7,500 acres of tidal shallow-water habitat.	E010401, E010402, E010403, E010404, E010405, E010406, E010407, E010901, E010902, E010903, E010904, E010905, E010906, E015201, E015202	Likely to be no discernable beneficial effects on existing habitat areas and associated evaluation species (N/E).	Potential for temporary or permanent loss or degradation of grassland habitat if implementation of actions result in the removal of grassland vegetation on or near levees and agricultural fields (AE1).	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area. Potential for increase in habitat area with implementation of conservation measures.
			Construction-related activities associated with implementing actions could result in take of evaluated species (AE2).	To the extent practicable, avoid construction activities during the breeding period of species that could be adversely affected by the actions (M1).	
				To the extent practicable, avoid direct disturbance to populations and individuals of evaluated plant and invertebrate species (M2).	
				When feasible, establish and protect additional populations of evaluated plant species in suitable nearby habitat areas before construction activities are implemented that could affect existing populations or individuals (M3).	

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
			Potential for permanent loss or degradation of existing habitat areas occupied by evaluated species (AE3).	Restore or enhance 1-3 acres of suitable grassland habitat important to maintaining populations of evaluated species (e.g., nesting areas) for every acre of affected habitat near where impacts are incurred (M4).	
E8. Restoration of 30,000- 45,000 acres of tidal fresh emergent wetland.	E010401, E010402, E010404, E010405, E010407, E010607, E011102, E011201, E011202, E011401, E011402, E011403, E011404, E015201, E015202	N/E	AE1.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
					Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1.	
				M2.	
				M3.	
			AE3.	M4.	
E10a. Restoration of 85-190 miles of tidal sloughs.	E015201, E015202, E011101, E011102	N/E	AE1.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
				·	Potential for increase in habitat area with implementation of conservation measures.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
	·		AE2.	M1.	
				M2.	
				M3.	
			AE3.	M4.	
E11. Restoration of up to 19,600 acres of nontidal freshwater emergent wetland.	E010403, E010406, E011001, E011002, E011003, E011004, E011005, E011006, E011007, E011301, E011302, E011303, E011304, E011305	Potential for increase in habitat area if grassland habitat establishes along the upper elevation margins of restored wetlands (BE1).	AE1.	None.	Potential for loss of some relatively low-quality grassland habitat. Potential for an increase in habitat area associated with restored wetlands if grassland habitat develops in conjunction with wetland restoration. Habitat areas that develop in association with restored wetlands would most likely be of higher quality than habitat areas affected by the actions. Potential for increase in habitat
					area with implementation of conservation measures.
			AE2.	M1.	
				M2.	,
				M3.	
	<u> </u>		AE3.	M4.	

Table L-1. Continued

restoration and management of up to 28,000 acres of seasonal wetlands for wildlife. E011506, E011507, E011508, E011510, E011511 E011509, E011510, E011511 E011509, E011510, E011511 habitat. Potential for an increase in habitat area associated with restored wetlands if grassland habitat develops in conjunction with wetland restoration. Habitat areas that develop in association with restored wetlands would most likely be of higher quality than habitat areas affected by the actions.	Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
grassland habitats associated with existing seasonal wetlands if wetland enhancement activities also improve the management and quality of associated grasslands (BE2). M2.	4,000 acres of existing and restoration and management of up to 28,000 acres of seasonal	E011502, E011504, E011505, E011506, E011507, E011508,	BE1.	AE1.	None.	relatively low-quality grassland habitat. Potential for an increase in habitat area associated with restored wetlands if grassland habitat develops in conjunction with wetland restoration. Habitat areas that develop in association with restored wetlands would most likely be of higher quality than habitat areas affected by the actions. Potential for increase in habitat area with implementation of
AE3. M4.			grassland habitats associated with existing seasonal wetlands if wetland enhancement activities also improve the management and quality of		M2. M3.	

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E15a. Restoration of 48–85 miles of riparian habitat along channels, restoration of riparian habitat in association with setback levees, protection of 500 acres of existing riparian forest, and reduction of current invasive riparian plants by 50%.	E010501, E010502, E010606, E011101, E011102, E011201, E011202, E011601, E011602, E011603, E011604, E011605, E011606, E011607, E011608, E011609, E014901, E015301, E015302, E015303N/E	N/E	AE1.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area. Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1.	
	·	,		M2.	
			,	M3.	
			AE3.	M4.	
E16a. Restoration of 4,000-6,000 acres of perennial grassland.	E011801, E011802, E011803, E011804, E017201, E017202	Substantial increase in perennial grassland habitat area and suitable habitat for associated evaluation species (BE3).	Potential short-term loss or degradation of existing grassland habitat if construction required for habitat restoration disturbs existing habitat areas (AE4).	None.	Substantial increase in perennial grassland habitat area.
			AE2.	M1.	
				M2.	·

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E18a. Cooperative management of 40,000–75,000 acres of agricultural lands to enhance habitat values for waterfowl and other associated species.	E011901, E011902, E011903, E011904, E011905, E011906, E011907, E007101	Potential for enhancement of existing grassland habitats associated with agricultural lands if enhancement activities also improve the management and quality of associated grasslands (BE4).	AE1.	None.	Potential for enhancement of existing habitat values for grassland habitat areas associated with enhanced agricultural lands. Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1.	
			AE3.	M2. M3. M4.	
E19. Restoration of flood refuge habitat areas for wildlife along levees and other lands adjacent to existing and restored habitat areas.	E014401	Potential for increase of narrow corridors of habitat if grassland habitat is allowed to establish on levees (BE5). Potential for enhancement of existing grassland habitats associated with affected levees and other lands resulting from restoration of flood refuge	Likely to be no discernable adverse effects on existing habitat areas and associated evaluation species (N/E).	None.	Potential for relatively small increase in habitat area associated with levees and enhancement of relatively small areas of existing grassland that may result from changes in management practices.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E27a. Reduction in the concentrations and loadings of contaminants in the aquatic environment by 25%–50%.	E015701, E015702	Reduction in the use of herbicides and pesticides in or near existing seasonal wetland habitat areas could improve the vigor of associated plant populations and result in an increase in populations of invertebrates that are adversely affected by these agents (BE7).	N/E	None.	Implementation of the proposed actions would most likely have no discernable effect on the evaluation species' numbers or distribution.
Levee System Integrity Program	1				
L1. Improvement and maintenance of Delta levees.	L010101, L010102, L010201, L010202, L010301	Long-term protection of existing habitat areas from flooding that would result from levee failures (BE8).	AE1.	None.	Temporary loss or degradation of relatively low-quality habitat as a result of construction activities. Grassland habitat would be expected to reestablish following construction. Long-term protection of existing habitat areas from flooding that would be associated with levee failures.
			AE2.	M1.	
				M2.	

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
				M3.	
L2. Reduction in the risk to levee stability from subsidence.	L010401, L010402	Potential beneficial effects of the program are not analyzed. The type and magnitude of potential beneficial effects would depend on the type of specific program actions that are implemented (N/A).	Potential adverse effects of the program are not analyzed. The type and magnitude of potential adverse effects would depend on the type of specific program actions that are implemented (N/A).		Potential program effects cannot be evaluated.
Water Quality Program					<u> </u>
Q4. Reduction of pesticide loadings in the aquatic environment.	Q010501	BE7.	N/E	None.	Implementation of the proposed actions would most likely have no discernable effect on the evaluation species' numbers or distribution.
Water Use Efficiency Program					:
W1. Support implementation of water management techniques that increase the effectiveness of water use management and efficiency for agricultural uses.	None.	N/E.	Potential for loss of habitat if implementation of actions results in reducing the area of grassland habitat associated with the margins of existing agricultural lands (AE5).	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area. Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	·

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
W2. Support implementation of measures that increase agricultural production per unit of water used, protect water quality, or increase environmental benefits while meeting agricultural needs.	None.	N/E.	AE5.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area. Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	
W3. Provide planning and technical assistance, financing assistance, and assurances for development and implementation of water management plans and best management practices to urban water agencies.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.
W4. Support development and implementation of water-recycling projects.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
Water Transfer Program					
T1. Implement a framework of actions, policies, and processes that will facilitate transfers and the further development of a statewide water transfer market.	None.	Potential for increase in habitat area if water transfers result in removing lands from agricultural production that subsequently support grassland vegetation (BE9).	Potential for loss of habitat area if water transfers result in farming being idled or new lands that currently support grassland vegetation (AE6).	None.	Potential for loss or degradation of existing habitat area and for increases in habitat area depending on current and subsequent uses of transferred water.
					Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	
Watershed Management Progra	nm .				
M1. Fund and implement watershed restoration, maintenance, conservation, and monitoring activities.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.
Conveyance Facilities		4 	·		
C1. Construct and operate modifications to existing south-Delta conveyance features.	C010101, C010102, C010103, C010104, C010105, C010106, C010107, C010108	N/E	AE2.	M1.	Potential for permanent loss of annual grassland habitat area as a result of constructing conveyance facilities and related infrastructure.
			·		Potential for increase in habitat area with implementation of conservation measures.
				M2.	

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
			Potential for permanent loss of habitat area as a result of construction of conveyance facilities and related infrastructure (AE7).	M3. None.	
			AE3.	M4.	
C2. Construct and operate modifications to existing north-Delta conveyance features.	C020101, C020102, C020103	N/E	AE2.	M1.	Potential for permanent loss of annual grassland habitat area as a result of constructing conveyance facilities and related infrastructure.
					Potential for increase in habitat area with implementation of conservation measures.
				M2.	
				M3.	
			AE7.	None.	
			AE3.	M4.	

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
C3 Construct and operate an isolated conveyance facility from the Sacramento River along the east side of the Delta to Clifton Court Forebay.	C030101	N/E	AE2.	M1.	Potential for permanent loss of annual grassland habitat area as a result of constructing conveyance facilities and related infrastructure.
				·	Potential for increase in habitat area with implementation of conservation measures.
				M2. M3.	
			AE3.	None. M4.	
Storage Facilities					
S1. Construct and operate enlarged or new surface storage facilities.	None.	N/E	Potential for permanent loss of annual grassland and ruderal vegetation associated with levees and agricultural fields and associated ditches on islands that are used for storage (AE8).	None.	Potential for permanent loss of grassland habitat area as a result of constructing storage facilities and related infrastructure. Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1. M2. M3.	

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures				
			AE3.	M4.					
Bay Region									
Tiburon jewelflower, Tiburon Masalamander, greater western mast	Associated Evaluated Species: California red-legged frog, Calistoga popcornflower, Clara Hunt's milkvetch, large-flowered fiddleneck, Marin western flax, Sonoma spineflower, Tiburon Indian paintbrush, Tiburon jewelflower, Tiburon Mariposa lily, white-rayed pentachaeta, white-tailed kite, golden eagle, Swainson's hawk, rock sanicle, Santa Cruz tarplant, yellow larkspur, mountain plover, California tiger salamander, greater western mastiff-bat, short-eared owl, long-billed curlew, northern harrier, San Joaquin whipsnake, big tarplant, brittlescale, Congdon's tarplant, diablo helianthella, diamond-petaled California poppy, Ferris' milkvetch, heartscale, Mount Diablo jewelflower, San Joaquin spearscale, and showy madia.								
Summary Programmatic Action C	Outcomes E1, E21, E22, E24, E25, I	E28, Q2, Q7, and Q8 are likely to h	ave no discernable effect on grasslar	nd communities in the Bay Region.					
Ecosystem Restoration Program	1				-				
E5b. Restoration of up to 1,500 acres of tidal shallow-water habitat.	E020401, E020901, E021101, E025201	N/E	AE1.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.				
					Potential for increase in habitat area with implementation of conservation measures.				
			AE2.	M1.					
				M2.					
				M3.					

Table L-1. Continued

AE3.

M4.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E7. Restoration of 7,500- 12,000 acres of tidal saline emergent wetland.	E020401, E020901, E021101, E021301, E023903, E023904, E023905, E025201	N/E	AE1.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
	·				Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1.	
			* .	M2.	
				M3.	·
			AE3.	M4.	•
E10b. Restoration of 15-30 miles of tidal sloughs.	E021101	N/E	AEI.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
					Potential for increase in habitat area with implementation of conservation measures.
	•		AE2.	M1.	
				M2.	
				M3.	1
		·	AE3.	M4.	

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E12. Restoration of up to 1,600 acres of nontidal deep openwater habitat adjacent to existing and restored wetlands.	E021001, E021002	N/E	AE1.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
					Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1. M2.	
			AE3.	M3. M4.	
E13b. Enhancement and management of up to 58,000 acres of existing seasonal wetlands for wildlife.	E021501, E021502	BE2.	N/E	None.	Potential for enhancement and improved management of grasslands adjacent to existing seasonal wetlands that are managed to improve wildlife habitat values.
E14. Protection and enhancement of up to 100 acres of vernal pools and 500-1,000 acres of surrounding lands.	E021503, E026201	Enhancement of existing grassland habitats associated with vernal pools and long-term protection from potential adverse effects associated with existing land uses (BE10).	N/E	None.	Protection and enhancement of existing grasslands associated with vernal pools.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E15b. Restoration of 40-60 miles of riparian habitat along channels and reduction of populations of invasive nonnative riparian plants by 50%.	E021601, E025301, E025302	N/E	AE3.	M4.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
nauvo riparian piants by 5070.					Potential for increase in habitat area with implementation of conservation measures.
			Potential for loss or degradation of existing habitat areas adjacent to affected channels as a result of expanding riparian habitat corridors (AE9).	None.	
E16b. Restoration of up to 4,000 acres of perennial grassland.	E021801	BE3.	AE4.	None.	Substantial increase in perennial grassland habitat area.
·		,	AE2.	M1.	
				M2.	
E30. Enhancement of habitat conditions for the Suisun song sparrow in occupied habitat areas.	E023902, E023903, E023904, E023905	BE5.	N/E	None.	Potential for relatively small increase in habitat area associated with levees and enhancement of relatively small
					areas of existing grasslands that may result from changes in management practices.
		BE6.	·		- '

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
Levee System Integrity Program	n .				
L3. Enhancement of the level of flood protection provided by Suisun Marsh levees.	None.	BE8.	AE1.	None.	Temporary loss or degradation of relatively low-quality habitat areas as a result of construction activities. Grassland habitat would be expected to reestablish following construction. Long-term protection of existing habitat areas from flooding that would be associated with levee failures.
·	1		AE2.	M1.	
				M2.	
				M3.	
Water Quality Program					
Q4. Reduction of pesticide loadings in the aquatic environment.	Q020501	BE7.	N/E	None.	Implementation of the proposed actions would most likely have no discernable effect on the evaluation species' numbers or distribution.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
Water Use Efficiency Program					
W1. Support implementation of water management techniques that increase the effectiveness of water use management and efficiency for agricultural uses.	None.	N/E.	AE5.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
					Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	
W2. Support implementation of measures that increase agricultural production per unit of water used, protect water quality, or increase	None.	N/E.	AE5.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
environmental benefits while meeting agricultural needs.					Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	
W3. Provide planning and technical assistance, financing assistance, and assurances for development and implementation of water management plans and best management practices to urban water agencies.	None.	N/A.	N/A.	-	Potential program effects cannot be evaluated.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
W4. Support development and implementation of water recycling projects.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.
Water Transfer Program					,
T1. Implement a framework of actions, policies, and processes that will facilitate transfers and the further development of a statewide water-transfer market.	None.	BE9.	AE6.	None.	Potential for loss or degradation of existing habitat area and for increases in habitat area depending on current and subsequent uses of transferred water. Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	
Watershed Management Progra	m			, jest	
M1. Fund and implement watershed restoration, maintenance, conservation, and monitoring activities.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.

Table L-1. Continued

T					•				
Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures				
Sacramento River Region									
California poppy, Ferris' milkveto	Associated Evaluated Species: California red-legged frog, Hartweg's golden sunburst, Layne's ragwort, greater sandhill crane, white-tailed kite, golden eagle, Swainson's hawk, Indian valley brodiaea, mountain plover, California tiger salamander, greater western mastiff-bat, tricolored blackbird, short-eared owl, long-billed curlew, northern harrier, San Joaquin whipsnake, big tarplant, diamond-petaled California poppy, Ferris' milkvetch, heartscale, Heckard's peppergrass, lesser saltscale, red-flowered lotus, San Joaquin spearscale, showy madia, Jepson's milk-vetch, silky cryptantha, adobe-lily, drymaria-like western flax, Ahart's paronychia and Henderson's bent grass.								
Summary Programmatic Action C	Outcomes E1, E3, E22-E26, Q1-Q3,	Q7, O1, and O2 are likely to have r	no discernable effect on grassland co	ommunities in the Sacramento River	r Region				
Ecosystem Restoration Program					11481011				
E2. Improvement in the supply of sediment to rivers and streams necessary for providing spawning gravels and rehabilitation of related ecological processes (e.g., stream meander) and floodplain habitats (e.g., riparian habitats).	E030201, E030202, E030301, E030302, E030303, E030604, E031602, E040201, E040202, E040203, E040301, E040402, E050201, E050202, E050203, E060401, E070201, E070202, E070203, E080201, E080202, E080203, E080303, E090201, E090401, E090403, E090404, E090407, E090409, E100201, E100202, E105101	Potential for increase in grassland habitat area associated with active floodplains if levees are setback or bank revetment is removed to allow channels to meander (BE11).	AE1.	None.	Potential for loss of relatively low-quality grassland habitat. Long-term potential for increases in habitat area associated with floodplains as a result of reestablishing stream meander. Potential for increase in habitat area with implementation of conservation measures.				
			AE2.	M1.					
				M2.	·				
•				M3.	,				
			AE3.	M4.	,				

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E6. Restoration and maintenance of riverine aquatic habitats.	E031602, E030301, E030302, E030303, E030604, E040301, E040402, E050201, E050202, E050203, E050301, E050401, E050402, E050403, E050404, E050405, E060401, E070201, E070202, E070203, E080301, E080302, E080303, E080401, E080402, E090401, E090402,	BE11.	AE1.	None.	Potential for loss of relatively low-quality grassland habitat. Long-term potential for increases in habitat area associated with floodplains as a result of reestablishing stream meander. Potential for increase in habitat
	E090403, E090404, E090407, E090408, E090408, E091604, E091605, E090201BE11.				area with implementation of conservation measures.
		·	AE2.	M1.	
				M2.	
			-	M3.	
			AE3.	M4.	
			Potential for temporary inundation of grassland during flood periods along channels that have been hydrologically reconnected to historical overflow basins (AE10).	None.	
E13c. Enhancement and management of up to 73,325 acres of existing seasonal wetlands for wildlife.	E061501, E061502, E071501, E071502, E081501, E081502, E090405, E090406, E091501, E091502BE2.	BE2.	N/E.	None.	Potential for enhancement and improved management of grasslands adjacent to existing seasonal wetlands that are managed to improve wildlife habitat values.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E15c. Protection and enhancement of 9,000–13,000 acres of riparian habitat in meander zones along the Sacramento River and its tributaries; protection, enhancement, and restoration of riparian habitat and shaded riverine aquatic (SRA) cover along other reaches of the Sacramento River and its tributaries; and reduction of populations of non-native invasive plants.	E031601, E031602, E031603, E031604, E031605, E030302, E030303, E030304, E035301, E035302, E040301, E040401, E041601, E041602, E041603, E051601, E051602, E051603, E061601, E065301, E071601, E071603, E071604, E080301, E080302, E080303, E080401, E081601, E081602, E081603, E090401, E090407, E091601, E091602, E091603, E091606, E095301, E101601, E101602, E101603, E101604, E105301	BE11.	AE1.	None.	Potential for loss of relatively low-quality grassland habitat. Long-term potential for increases in habitat area associated with floodplains as a result of reestablishing stream meander. Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1.	
				M2.	
			. ·	M3.	
			AE3.	M4.	
		•	AE10.	None.	
E16c. Restoration of perennial grassland associated with existing or restored wetlands in the American River basin.	E091801	Increase in grassland habitat area as a result of restoration and long-term protection of existing grasslands from potential adverse effects associated with current land uses (BE12).	N/E	None.	Potential for increases in habitat area and improvement in management of existing grasslands-associated wetlands in the American Basin.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures				
E18b. Cooperative management of up to 298,643 acres of agricultural lands to enhance habitat values for waterfowl and other associated species.	E061901, E061902, E061903, E071901, E071902, E071903, E081901, E091901, E091902BE4.	BE4.	AE1.	None.	Potential for enhancement of existing habitat values for grassland habitat areas associated enhanced agricultural lands. Potential for increase in habitat area with implementation of conservation measures				
			AE2.	M1.					
				M2.					
	·			M3.					
			AE3.	M4.					
E27b. Reduction in the concentrations and loadings of contaminants in the aquatic environment.	E035702, E035703, E035704, E095701, E095702, E105701, E105702BE7.	N/E	None.	Implementation of proposed actions would most likely have no discernable effect on the evaluation species' numbers or distribution.					
Water Quality Program	Water Quality Program								
Q4. Reduction of pesticide loadings in the aquatic environment.	Q030501, Q040501, Q050501, Q060501, Q070501, Q080501, Q090501, Q100501	BE7.	N/E	None.	Implementation of proposed actions would most likely have no discernable effect on the evaluation species' numbers or distribution.				

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
Water Use Efficiency Program					
W1. Support implementation of water management techniques that increase the effectiveness of water-use management and efficiency for agricultural uses.	None.	N/E.	AE5.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
					Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	
W2. Support implementation of measures that increase agricultural production per unit of water used, protect water quality, or increase environmental benefits while meeting agricultural needs.	None.	N/E.	AE5.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area. Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	
W3. Provide planning and technical assistance, financing assistance, and assurances for development and implementation of water management plans and best management practices to urban water agencies.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
W4. Support development and implementation of water-recycling projects.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.
Water Transfer Program					
T1. Implement a framework of actions, policies, and processes that will facilitate transfers and the further development of a statewide water-transfer market.	None.	BE9.	AE6.	None.	Potential for loss or degradation of existing habitat area and for increases in habitat area depending on current and subsequent uses of transferred water. Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	
Watershed Management Program					
M1. Fund and implement watershed restoration, maintenance, conservation, and monitoring activities.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
Storage Facilities					
S1. Construct and operate enlarged or new surface storage facilities.	None.	N/E	Potential for permanent loss of annual grassland within the constructed footprint of storage facilities and associated infrastructure (AE11).	None.	Potential for permanent loss of grassland habitat area as a result of constructing storage facilities and related infrastructure.
					Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1.	
				M2.	
				M3.	
			Recreation-related activities potentially associated with new storage facilities could result in take of evaluated species (AE12).	Manage recreational uses to avoid or reduce the likelihood for recreation-related impacts on sensitive plant populations and wildlife use areas (M5).	
			AE3.	M4.	
S2. Construct and operate new groundwater storage facilities.	None.	N/E	AE11.	None.	Potential for permanent loss of grassland habitat area as a result of constructing storage facilities and related infrastructure.
					Potential for increase in habitat area with implementation of conservation measures.

Table L-1. Continued

					San Joaquin River Region
	M4.	VE3.			
	M3.				
	M2.	·			
	MI.	PES.			
Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures	Conservation Measures Incorporated into the Program	Potential Adverse Effects	Potential Beneficial Effects	Applicable Programmatic Actions	Summary Programmatic Action Outcomes

Associated Evaluated Species: San Josquin kit fox, giant kangaroo 18t, Merced kangaroo 18t, California condor, Alameda whipsnake, blunt-nosed leopard lizard, California red-legged frog, Hartweg's golden eagle, Breater and Interest findleneck, Iarge-flowered fiddleneck critical habitat, Layne's 18gwort, San Josquin whipsnake, nock sanicle, mountain plover, California tiger salamander, greater western mastiff-bat, tricolored blackbird, short-eared owl, long-billed curlew, northern harrier, San Josquin whipsnake, big tarplant, brittlescale, Congdon's tarplant, diablo heliamthella, diamond-petaled California poppy, Ferris' milkvetch, heartscale, showy madia, spiny-sepaled button-celery, Mount Diablo jewelflower, Panoche peppergases, red-flowered lotus, San Josquin spearscale, showy madia, spiny-sepaled button-celery, Mount Diablo jewelflower, Panoche peppergases, red-flowered lotus, San Josquin spearscale, showy madia, spiny-sepaled button-celery, Mount Diablo jewelflower, panoche peppergases, red-flowered lotus, San Josquin spearscale, showy madia, spiny-sepaled button-celery, Mount Diablo jewelflower, panoche peppergases, red-flowered lotus, San Josquin spearscale, showy madia, spiny-sepaled button-celery, Mount Diablo jewelflower, and Henderson's bent grass.

Summary Programmatic Action Outcomes E1, E22-E26, Q1, Q2, Q5-Q8, O1, and O2 are likely to have no discernable effect on grassland communities in the San Joaquin River Region.

					·
	MI.	AE2.			,
Potential for increase in habitat area with implementation of conservation measures.					
Potential for loss of relatively low-quality grassland habitat. Long-term potential for increases in habitat area associated with floodplains as a result of reestablishing stream meander.	. Моле.	JEA.	BE11.	E140401' E140403BEIT' E130304' E130302' E132801' E130301' E130302' E130302' E130301' E130305' E130303' E110504' E110508' E110508' E110501' E110502' E110508' E110501' E110505' E110508'	E2. Improvement in the supply of sediment to rivers and streams necessary for providing spawning gravels and rehabilitation of related ecological processes (e.g., stream meander) and floodplain habitats (e.g., riparian habitats).
					Ecosystem Restoration Program

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
			·	M3.	
			AE3.	M4.	
E6. Restoration and maintenance of riverine aquatic habitats.	E110401, E110401, E130301, E130302, E130303, E130304, E130305, E130306, E130307, E130402, E135601, E131601, E131602, E131603, E140401, E140402, E140403	BE11.	AE1.	None.	Potential for loss of relatively low-quality grassland habitat. Long-term potential for increases in habitat area associated with floodplains as a result of reestablishing stream meander. Potential for increase in habitat area with implementation of
					conservation measures.
			AE2.	M1.	·
				M2.	• •
				M3.	
	·		AE3.	M4.	
			AE10.	None.	
E13d. Protection and enhancement of up to 172,800 acres of seasonal wetlands in the San Joaquin River Ecological Management Zone and protection and enhancement of existing seasonal wetlands elsewhere in the San Joaquin River Region.	E111501, E121501, E121502, E141501, E141502BE2.	BE2.	N/E	None.	Potential for enhancement and improved management of grasslands adjacent to existing seasonal wetlands that are managed to improve wildlife habitat values.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E15d. Restore up to 4,720 acres of riparian and shaded riverine aquatic habitat; protection and enhancement of up to 1,000 acres of riparian habitat in meander zones along San Joaquin River tributaries; restoration of up to 75 miles of riparian habitat along the San Joaquin River and its tributaries; protection, enhancement, and restoration of riparian habitat and SRA cover along other reaches of the San Joaquin River and its tributaries; and reduction of populations of non-native invasive plants along the northern tributaries to the San Joaquin River.	E110401, E111601, E111602, E111603, E111604, E111605, E111606, E111607, E111608, E111609, E111610, E111611, E111612, E111613, E111614, E111615, E115301, E121601, E121602, E121603, E124901, E130301, E130302, E130303, E130304, E130305, E130306, E130307, E130401, E131601, E131602, E131603, E134101, E134103, E140401, E140402, E140403, E141601BE11.	BE11.	AE1.	None.	Potential for loss of relatively low-quality grassland habitat. Long-term potential for increases in habitat area associated with floodplains as a result of reestablishing stream meander. Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1. M2. M3.	
			AE3. AE10.	M4. None.	

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	· Potential Adverse · Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
E18c. Cooperative management of up to 15,290 acres of agricultural lands to enhance habitat values for waterfowl and other associated species.	121901, 141901BE4.	BE4.	N/E.	None.	Potential for enhancement of existing habitat values for grassland habitat areas associated with protected agricultural lands.
E27c. Reduction in the concentrations and loadings of contaminants in the aquatic environment.	E115701, E115702, E115703, E125701, E125702	BE7.	N/E	None.	Implementation of proposed actions would most likely have no discernable effect on the evaluation species' numbers or distribution.
E29. Enhancement of habitat conditions for the riparian brush rabbit in occupied habitat areas at and near Caswell State Park on the Stanislaus River.	E134101, E134102, E134103, E134104, E134105	N/E	AE1.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
					Potential for increase in habitat area with implementation of conservation measures.
			AE2.	M1.	
				M2.	
		•		M3.	
			AE3.	M4.	

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
Water Quality Program					
Q4. Reduction of pesticide loadings in the aquatic environment.	Q120501, Q130501, Q140501, Q140502	BE7.	N/E	None.	Implementation of proposed actions would most likely have no discernable effect on the evaluation species' numbers or distribution.
Water Use Efficiency Program		,			
W1. Support implementation of water management techniques that increase the effectiveness of water-use management and efficiency for agricultural uses.	None.	N/E.	AE5.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
ornormy for agricultural associ					Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	
W2. Support implementation of measures that increase agricultural production per unit of water used, protect water quality, or increase	None.	N/E.	AE5.	None.	Potential for temporary or permanent loss of relatively low-quality grassland habitat area.
environmental benefits while meeting agricultural needs.					Potential for increase in habitat area with implementation of conservation measures.
			AE3.	M4.	

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
W3. Provide planning and technical assistance, financing assistance, and assurances for development and implementation of water management plans and best management practices to urban water agencies.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.
W4. Support development and implementation of water-recycling projects.	None.	N/A.	N/A.		Potential program effects cannot be evaluated.
Water Transfer Program				<u> </u>	
T1. Implement a framework of actions, policies, and processes that will facilitate transfers and the further development of a statewide water transfer market.	None.	BE9.	AE6.	None.	Potential for loss or degradation of existing habitat area and for increases in habitat area depending on current uses of transferred water and subsequent uses of transferred water.
		5	AE3.	M4.	Potential for increase in habitat area with implementation of conservation measures.

Potential for increase in habitat area with implementation of conservation measures.

Conservation Measures

Incorporated into the

Program

facilities.

Summary Programmatic

Action Outcomes

maintenance, conservation, and

M1. Fund and implement

S1. Construct and operate

enlarged or new surface storage

watershed restoration,

monitoring activities.

Watershed Management Program

Applicable

Programmatic Actions

None.

M1.

M2.

M3.

M5.

M4.

Potential Adverse

Effects

AE12.

Table L-1. Continued

N/A.

AE2.

AE3.

Potential Beneficial

Effects

N/A.

Table L-1. Continued

Summary Programmatic Action Outcomes	Applicable Programmatic Actions	Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program	Overall Effect of Summary Programmatic Action Outcomes with Conservation Measures
S2. Construct and operate new groundwater storage facilities.	None.	N/E	AE11.	None.	Potential for permanent loss of grassland habitat area as a result of constructing storage facilities and related infrastructure.
-					Potential for increase in habitat area with implementation of conservation measures.
		·	AE2.	M1.	
				M2.	
				M3.	
			AE3.	M4.	

Contributors to the development of this table: Pete Rawlings and Gerrit Platenkamp of Jones & Stokes Associates.

Table L-2. Key to Table L-1 Potential Beneficial Effects, Potential Adverse Effects, and Conservation Measures Codes

Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program
Potential for increase in habitat area if grassland habitat establishes along the upper elevation margins of restored wetlands (BE1).	Potential for temporary or permanent loss or degradation of grassland habitat if implementation of actions result in the removal of grassland vegetation on or near levees and agricultural fields (AE1).	To the extent practicable, avoid construction activities during the breeding period of species that could be adversely affected by the actions (M1).
Potential for enhancement of grassland habitats associated with existing seasonal wetlands if wetland enhancement activities also improve the management and quality of associated grasslands (BE2).	Construction-related activities associated with implementing actions could result in take of evaluated species (AE2).	To the extent practicable, avoid direct disturbance to populations and individuals of evaluated plant and invertebrate species (M2).
Substantial increase in perennial grassland habitat area and suitable habitat for associated evaluation species (BE3).	Potential for permanent loss or degradation of existing habitat areas occupied by evaluated species (AE3).	When feasible, establish and protect additional populations of evaluated plant species in suitable nearby habitat areas before construction activities are implemented that could affect existing populations or individuals (M3).
Potential for enhancement of existing grassland habitats associated with agricultural lands if enhancement activities also improve the management and quality of associated grasslands (BE4).	Potential short-term loss or degradation of existing grassland habitat if construction required for habitat restoration disturbs existing habitat areas (AE4).	Restore or enhance 1-3 acres of suitable grassland habitat important to maintaining populations of evaluated species (e.g., nesting areas) for every acre of affected habitat near where impacts are incurred (M4).
Potential for increase of narrow corridors of habitat if grassland habitat is allowed to establish on levees (BE5).	Potential for loss of habitat if implementation of actions results in reducing the area of grassland habitat associated with the margins of existing agricultural lands (AE5).	Manage recreational uses to avoid or reduce the likelihood for recreation-related impacts on sensitive plant populations and wildlife use areas (M5).

Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program
Potential for enhancement of existing grassland habitats associated with affected levees and other lands resulting from restoration of flood refuge habitat areas (BE6).	Potential for loss of habitat area if water transfers result in farming being idled or new lands that currently support grassland vegetation (AE6).	
Reduction in the use of herbicides and pesticides in or near existing seasonal wetland habitat areas could improve the vigor of associated plant populations and result in an increase in populations of invertebrates that are adversely affected by these agents (BE7).	Potential for permanent loss of habitat area as a result of construction of conveyance facilities and related infrastructure (AE7).	
Long-term protection of existing habitat areas from flooding that would result from levee failures (BE8).	Potential for permanent loss of annual grassland and ruderal vegetation associated with levees and agricultural fields and associated ditches on islands that are used for storage (AE8).	
Potential for increase in habitat area if water transfers result in removing lands from agricultural production that subsequently support grassland vegetation (BE9).	Potential for loss or degradation of existing habitat areas adjacent to affected channels as a result of expanding riparian habitat corridors (AE9).	
Enhancement of existing grassland habitats associated with vernal pools and long-term protection from potential adverse effects associated with existing land uses (BE10).	Potential for temporary inundation of grassland during flood periods along channels that have been hydrologically reconnected to historical overflow basins (AE10).	
Potential for increase in grassland habitat area associated with active floodplains if levees are setback or bank revetment is removed to allow channels to meander (BE11).	Potential for permanent loss of annual grassland within the constructed footprint of storage facilities and associated infrastructure (AE11).	
Increase in grassland habitat area as a result of restoration and long-term protection of existing grasslands from potential adverse effects associated with current land uses (BE12).	Recreation-related activities potentially associated with new storage facilities could result in take of evaluated species (AE12).	

Potential Beneficial Effects	Potential Adverse Effects	Conservation Measures Incorporated into the Program
Potential beneficial effects of the program are not analyzed. The type and magnitude of potential beneficial effects would depend on the type of specific program actions that are implemented (N/A).	Potential adverse effects of the program are not analyzed. The type and magnitude of potential adverse effects would depend on the type of specific program actions that are implemented (N/A).	
Likely to be no discernable beneficial effects on existing habitat areas and associated evaluation species (N/E).	Likely to be no discernable adverse effects on existing habitat areas and associated evaluation species (N/E).	